

Patent claims

1. An attenuation or termination element having a
5 coaxial structure for radiofrequency electromagnetic
waves, having at least one resistive part (3, 3'),
which is positioned in an outer conductor (2) and has
at least one connection to an inner conductor part (7,
8), characterized in that the resistive part (3, 3') is
10 produced from at least two separately produced, plate-
like parts (4, 5; 4', 5').
2. The attenuation or termination element as claimed
in claim 1, characterized in that at least one inner
15 conductor part (7, 8) fixes the two plate-like parts
(4, 5; 4', 5').
3. The attenuation or termination element as claimed
in claim 1 or 2, characterized in that the plate-like
20 parts are each provided with a central slot (12, 13)
and are plugged together using these slots (12, 13).
4. The attenuation or termination element as claimed
in one of claims 1 to 3, characterized in that two
25 plate-like parts (4, 5; 4', 5') are provided which are
plugged together to form a cross.
5. The attenuation or termination element as claimed
in one of claims 1 to 4, characterized in that the
30 plate-like parts (4, 5; 4', 5') each have circuits (4b,
5b; 4b', 5b') on both sides which are applied to
dielectric plates (4a, 5a; 4a', 5a'), in particular by
means of screen printing or photolithography.
- 35 6. The attenuation or termination element as claimed
in claim 5, characterized in that the resistive part
(3, 3') has at least eight circuits (4b, 5b; 4b', 5b').

7. The attenuation or termination element as claimed in one of claims 1 to 6, characterized in that at least one inner conductor part (7, 8) is provided with slots at one end (7a, 8a), the slotted region being formed in
5 cross section so as to correspond to the cross section of the resistive part (3, 3').

8. The attenuation or termination element as claimed in one of claims 1 to 7, characterized in that the
10 resistive part (3, 3') engages in grooves (6) in the inner side (2a) of the outer conductor (2) and is centered in these grooves (6).

9. The attenuation or termination element as claimed
15 in one of claims 1 to 8, characterized in that the resistive part (3, 3') is soldered to the outer conductor (2) on the inner side of said outer conductor (2).

20 10. The attenuation element as claimed in one of claims 1 to 9, characterized in that it is one part or element of a measuring chain, in particular a coaxial measuring chain.